Network Working Group
Request for Comments: 838

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Who Talks TCP?

The list of hosts was taken from the NIC hostname table of 31-Dec-82.
The tests were run on 18-Jan-83 from ~12:01 pm to ~10:10 pm PST.
Dead, refused, and unreachable hosts were retried 19-Jan-83 from ~7:00 pm
to ~1:30 am PST, and 20-Jan-83 from ~10:50 am to 1:00 pm PST.

Claims are taken from the NIC host table:

- T = tcp (no particular services mentioned)
- t = tcp/telnet
- f = tcp/ftp
- s = tcp/smtp

Results for each service:

- blank (not accepted)
- refused
- unreachable
- dead
- accepted
- accepted+ (FTP allowed user anonymous, password guest)

Summary information:

Telnet		Result					
		no telnet	unreachable	refused	dead	accepted	
Claim	tcp/telnet	12	7	2	22	104	147
	tcp	6	0	0	4	17	27
	Nothing	53	4	1	40	51	149
		71	11	3	66	172	323

FTP		Result					
		no tcp/ftp	unreachable	refused	dead	accepted or accepted+	
Claim	tcp/ftp	11	7	1	19	82	120
	tcp	7	0	2	4	14	27
	Nothing	61	4	5	43	63	176
		79	11	8	66	159	323

SMTP Claim	Result	no tcp/smtp	unreachable	refused	dead	accepted	
tcp/smtp		3	7	2	20	78	110
tcp		8	0	2	4	13	27
Nothing		70	4	7	42	63	186
		81	11	11	66	154	323

Results in alphabetical order:

Name	Address	Claims	Telnet	FTP	SMTP
acc	10.2.0.54	----		dead	
ada-vax	10.0.0.52	----	accepted	accepted	accepted
aerospace	10.2.0.65	T---	accepted	accepted	accepted
afgl	10.1.0.66	----	accepted	accepted	
afsc-ad	10.0.0.53	T---	accepted	accepted	
afsc-dev	10.2.0.53	----	accepted	accepted	accepted
afsc-hq	10.0.0.67	----			
afsc-sd	10.0.0.65	----			
afwl	10.0.0.48	----	accepted	accepted	
aids-unix	10.3.0.56	----	unreachable		
alta-coma	3.1.0.50	T---			
ames-tss	10.0.0.16	----		dead	
ames-vmsb	10.3.0.16	----			
anl	10.0.0.55	----			
anl-mcs	10.1.0.55	----	accepted	accepted	accepted
arpa-dms	10.0.0.28	----			
arpa-png11	10.3.0.28	----			
bbn-admin	3.1.0.6	-tfs	accepted	accepted	accepted
bbn-cd	3.3.0.9	-tfs	accepted	accepted	accepted
bbn-clxx	10.2.0.71	-tfs	unreachable		
bbn-inoc	10.2.0.82	----			
bbn-inoc	3.2.0.6	-tfs	accepted	accepted	accepted
bbn-noc	3.1.0.14	-tfs	accepted	accepted	accepted
bbn-noc2	10.6.0.82	-tfs	accepted	accepted	accepted
bbn-nu	10.0.0.72	---s			
bbn-rsm	10.4.0.82	-t--	accepted		
bbn-tenexb	10.0.0.49	-t--	accepted	accepted+	accepted
bbn-tenexc	10.3.0.49	-t--	accepted	refused	accepted
bbn-unix	10.1.0.72	----	accepted	accepted	accepted
bbn-unix	3.1.0.4	-tfs	accepted	accepted	accepted
bbn-vax	10.1.0.82	-tfs	accepted	accepted	accepted
bbna	10.3.0.5	-tf-	accepted	accepted	accepted
bbncca	3.0.0.2	-tfs	accepted	accepted	accepted
bbnccb	3.1.0.2	-tfs	accepted	accepted	accepted
bbnccc	3.2.0.2	-tfs	accepted	accepted	accepted
bbnccd	3.3.0.2	-tfs	accepted	accepted	accepted
bbnccf	3.0.0.4	-tfs	accepted	accepted	accepted
bbncci	3.3.0.4	-tfs	accepted	accepted	accepted

bbnf	10.0.0.5	-tf-	accepted	accepted	accepted
bbng	10.1.0.5	-tf-	accepted	accepted	accepted
bbnp	10.2.0.72	-tfs	accepted	accepted	accepted
bbnq	3.2.0.7	-tfs	accepted	accepted	accepted
bbns	10.3.0.82	-tfs	accepted	accepted	accepted
bbnt	10.0.0.82	----	accepted	accepted	accepted
bbnt	3.1.0.7	-tfs	accepted	accepted	accepted
bbnt	3.3.0.7	-tfs	accepted	accepted	accepted
bbnw	3.3.0.6	-tfs	accepted	accepted	accepted
bbnx	3.0.0.8	-tfs	accepted	accepted	accepted
bbny	3.2.0.8	-tfs	accepted	accepted	accepted
bnl	10.1.0.58	----		d e a d	
bragg-sta1	10.1.0.38	-t--		d e a d	
brl	10.0.0.29	----	accepted	accepted	accepted
brl-bmd	10.3.0.29	----	accepted	accepted	accepted
cca-unix	10.0.0.31	----		d e a d	
cca-vms	10.1.0.31	T---		d e a d	
cctc	10.0.0.20	-t--		d e a d	
centacs-mmp	10.0.0.60	----		d e a d	
centacs-tf	10.3.0.60	----		d e a d	
cincpacflt-wm	10.1.0.36	----			
cit-20	10.0.0.54	T---	accepted	accepted	accepted
cit-750	192.5.7.3	-tfs	u n r e a c h a b l e		
cit-vax	10.1.0.54	-tfs	accepted	accepted	accepted
clarksburg-expak	8.0.0.4	----	u n r e a c h a b l e		
clarksburg-monitor	8.0.0.44	----	u n r e a c h a b l e		
cmu	128.2.254.255	---s		d e a d	
cmu-cs-a	10.1.0.14	-t-s	accepted	accepted	accepted
cmu-cs-b	10.0.0.14	----			
cmu-cs-c	10.3.0.14	----	accepted	accepted+	accepted
cmu-cs-cad	128.2.254.133	-tfs	accepted	accepted	accepted
cmu-cs-g	128.2.254.132	-tfs	accepted	accepted	accepted
cmu-cs-gandalf	128.2.254.140	-tfs	accepted	accepted	accepted
cmu-cs-ius	128.2.254.128	-tfs	accepted	accepted	accepted
cmu-cs-j	128.2.254.144	-tfs		d e a d	
cmu-cs-k	128.2.254.136	-tfs		d e a d	
cmu-cs-ps	128.2.254.130	----		d e a d	
cmu-cs-pt	128.2.254.155	-tfs	accepted	accepted	accepted
cmu-cs-speech	128.2.254.145	-tfs	accepted	accepted	accepted
cmu-cs-spice	128.2.254.139	-tfs	accepted	accepted	accepted
cmu-cs-unh	128.2.254.150	-tfs	accepted	accepted	accepted
cmu-cs-vlsi	128.2.254.129	-tfs	accepted	accepted	accepted
cmu-cs-zog	128.2.254.131	-tfs	accepted	accepted	accepted
cmu-ri-fas	128.2.254.138	-tfs	accepted	accepted	accepted
cmu-ri-isl	128.2.254.143	-tfs	accepted	accepted	accepted
cmu-ri-isl2	128.2.254.152	-tfs	accepted	accepted	accepted
cmu-ri-leg	128.2.254.141	-tfs		d e a d	
coins-gateway	10.1.0.57	----			
coins-tas	10.0.0.36	----			
collins-gw	10.1.0.46	T---			
collins-pr	10.0.0.46	T---		d e a d	
compion	10.1.0.12	----	accepted	refused	refused
compion-vms	10.0.0.12	---s	accepted	accepted	accepted
cornell	10.3.0.96	-tfs	accepted	accepted	accepted
csnet-cic	3.0.0.14	-tfs	accepted	accepted	accepted

csnet-purdue	128.10.0.2	-tfs	accepted	accepted	accepted
csnet-sh	10.1.0.94	----	accepted	accepted+	accepted
csnet-sh	192.5.2.3	T---	accepted	accepted+	accepted
dca-ems	10.4.0.20	----	accepted	accepted	accepted
dcn1	128.4.0.1	-tfs	accepted	accepted+	accepted
dcn2	128.4.0.2	-tfs	accepted	accepted	
dcn3	128.4.0.3	-tfs	u n r e a c h a b l e		
dcn4	128.4.0.4	-tfs		d e a d	
dcn5	128.4.0.5	-tfs	accepted	accepted+	accepted
dcn6	128.4.0.6	-tfs	accepted	accepted+	accepted
dcn7	128.4.0.7	-tfs		d e a d	
dcn8	128.4.0.8	-tfs		d e a d	
dcn9	128.4.0.9	-tfs		d e a d	
dec-2136	10.0.0.79	T---		d e a d	
dec-marlboro	10.1.0.79	T---	accepted	accepted	accepted
dfvlr1	128.7.0.1	-tfs	u n r e a c h a b l e		
dfvlr2	128.7.0.2	-tfs	u n r e a c h a b l e		
dfvlr3	128.7.0.3	-tfs	u n r e a c h a b l e		
dfvlr7	128.7.0.7	-tfs	u n r e a c h a b l e		
dtnsrdc	10.0.0.81	----	accepted	accepted	accepted
edn-host1	21.1.0.1	-tfs		d e a d	
edn-unix	10.3.0.20	-tfs	accepted		accepted
etac	10.0.0.59	----		d e a d	
etam-expak	4.0.0.1	----			
etam-monitor	4.0.0.41	----			
fnoc	10.1.0.33	----		d e a d	
fnoc-secure	10.3.0.33	----			
ford-ecc	128.5.0.11	-tfs	accepted	accepted	accepted
ford-eed	128.5.0.14	-tfs	accepted	accepted+	accepted
ford-ers	128.5.0.13	-tfs	accepted	accepted+	accepted
ford-foe	128.5.0.15	-tfs		d e a d	
ford-lab	128.5.0.8	-tfs	accepted	accepted+	accepted
ford-res	128.5.0.10	-tfs		d e a d	
ford-srl	128.5.0.12	-tfs		d e a d	
ford-vax	128.5.0.9	-tfs		d e a d	
ford-wdl1	128.5.32.1	-tfs	accepted	accepted	accepted
ford-wdl2	128.5.32.2	-tfs		d e a d	
ford-wdl3	128.5.32.3	-tfs		d e a d	
ford-wdl4	128.5.32.4	-tfs		d e a d	
ford-wdl5	128.5.32.5	-tfs		d e a d	
ford-wdl6	128.5.32.6	-t--	accepted	accepted	accepted
ford1	128.5.0.1	-tfs	accepted	accepted+	accepted
ford2	128.5.0.2	-tfs	accepted	accepted+	accepted
ford3	128.5.0.3	-tfs	accepted	accepted+	accepted
ford4	128.5.0.4	-tfs	accepted	accepted+	accepted
fucino	4.0.0.88	----			
fucino-expak	4.0.0.95	----			
fucino-monitor	4.0.0.94	----			
goonhilly-expak	4.0.0.2	----			
goonhilly-monitor	4.0.0.42	----			
gunter-adam	10.1.0.13	----	accepted	accepted+	accepted
gunter-unix	10.0.0.13	----			
harv-10	10.0.0.9	----			
hi-multics	10.0.0.80	----	accepted	accepted	accepted
isi-png11	10.1.0.27	----			

isi-speech11	10.0.0.22	----		d e a d	
isi-vaxa	10.2.0.27	-t--	accepted	accepted	accepted
jpl-vax	10.3.0.54	----		d e a d	
kestrel	10.3.0.32	----			
lbl	10.0.0.34	----			
lbl-csam	10.1.0.34	---s	accepted	accepted+	accepted
ll	10.0.0.10	----	accepted	accepted	accepted
ll-11	10.3.0.10	----			
ll-asg	10.1.0.44	----		d e a d	
ll-en	10.4.0.10	-tfs	accepted	accepted	accepted
ll-iptcp	10.3.44.10	T---			
ll-tcp	10.1.0.10	T---	accepted	accepted	accepted
ll-xn	10.2.0.10	----		d e a d	
lll-mfe	10.1.0.21	----			
lll-unix	10.0.0.21	----		d e a d	
logicon	10.2.0.3	----		d e a d	
martin	10.3.0.53	----			
martin-b	10.1.0.64	-tfs	accepted	accepted	accepted
mcclellan	10.3.0.78	----	accepted		
mit-ai	10.2.0.6	----	accepted	accepted+	accepted
mit-ajax	18.10.0.64	-tf-	accepted	accepted	accepted
mit-cls	18.10.0.76	-tfs	accepted	accepted	accepted
mit-csr	18.10.0.8	---s	accepted		accepted
mit-devmultics	10.1.0.77	-t-s	accepted	accepted	accepted
mit-dms	10.1.0.6	----			
mit-mc	10.3.0.44	----			
mit-ml	10.3.0.6	----	accepted	accepted+	accepted
mit-multics	10.0.0.6	-t-s	accepted	accepted	accepted
mit-tstgw	10.2.0.44	T---		d e a d	
mit-xx	10.0.0.44	----	accepted	accepted+	refused
mitre	10.0.0.17	T---	accepted	accepted	accepted
mitre-bedford	10.0.0.66	----			
nadc	10.2.0.24	----		d e a d	
nadc-vax	10.0.0.24	-tfs	accepted	accepted	accepted
nalcon	10.1.0.81	----	accepted	accepted	accepted
nbs-pl	10.3.0.19	----			
nbs-sdc	10.1.0.19	----	accepted	accepted+	accepted
nbs-unix	10.2.0.19	----		d e a d	
nbs-vms	10.0.0.19	----	accepted	accepted	accepted
ncsc	10.1.0.53	----		d e a d	
ndre1	48.3.1.41	-tfs	accepted	accepted+	accepted
nlm-mcs	10.0.0.88	----	accepted	accepted	accepted
nosc-cc	10.0.0.3	-tfs	accepted	accepted	accepted
nosc-sdl	10.1.0.35	----		d e a d	
nosc-secure2	10.0.0.35	----			
nosc-secure3	10.3.0.35	----		d e a d	
nosc-spel	10.1.0.3	----		d e a d	
nprdc	10.3.0.3	-tfs	accepted	accepted	accepted
nps	10.0.0.33	T---			
nrl	10.0.0.8	----		d e a d	
nrl-aic	10.1.0.8	T---	accepted	accepted	accepted
nrl-css	10.7.0.8	----	accepted	accepted	accepted
nrl-tops10	10.3.0.8	----		d e a d	
nsrdcoa	10.3.0.81	-tfs	accepted	accepted	accepted
nswc-dl	10.0.0.84	----	accepted	accepted	
nswc-g	10.1.0.84	T---	accepted	accepted	accepted

nusc	10.3.0.92	----		d e a d	
nswc-wo	10.2.0.8	----		d e a d	
nusc-npt	10.2.0.92	----			
nwc-387a	10.0.0.85	----	accepted	accepted	accepted
nwc-387b	10.3.0.85	----			
nyu	10.0.0.58	----	accepted	accepted	accepted
office-1	10.0.0.43	T---			
office-10	10.1.0.93	-tf-			
office-12	10.2.0.93	T---	accepted	refused	refused
office-2	10.1.0.43	T---			
office-3	10.2.0.43	T---	accepted	refused	refused
office-7	10.3.0.43	-t--			
office-8	10.0.0.93	-t--			
okc-unix	10.3.0.46	-t--	accepted		
parc-maxc	10.0.0.32	-t--	accepted	accepted	accepted
purdue	10.0.0.37	-tfs	accepted	accepted	accepted
purdue-tn	14.0.0.1	-tfs	accepted	accepted	accepted
radc-multics	10.0.0.18	----	accepted	accepted	accepted
radc-tops20	10.3.0.18	----	accepted	accepted+	accepted
radc-unix	10.5.0.18	----		d e a d	
radc-xper	10.1.0.18	----		d e a d	
raisting	4.0.0.72	----			
raisting-expak	4.0.0.79	----			
raisting-monitor	4.0.0.78	----			
rand-relay	10.1.0.7	----	accepted	accepted	accepted
rand-unix	10.3.0.7	----	accepted	accepted	accepted
robins-unix	10.3.0.64	----		d e a d	
rochester	10.4.0.18	----		d e a d	
rutgers	10.2.0.58	----	accepted	accepted+	accepted
s1-a	10.1.0.95	----			
s1-b	10.2.0.95	----		d e a d	
s1-c	10.3.0.95	----	accepted	accepted	accepted
s1-gateway	10.0.0.95	----			
sandia	10.0.0.87	----	accepted	accepted+	accepted
satnet	4.0.0.0	----			
satnet-sink	4.0.0.37	----			
seismo	10.0.0.25	-tfs	accepted	accepted	accepted
sri-ai	10.2.0.73	----	accepted	accepted+	accepted
sri-csl	10.2.0.2	----			
sri-iu	10.3.0.73	----	accepted	accepted+	accepted
sri-kl	10.1.0.2	T---	accepted	accepted+	accepted
sri-nic	10.0.0.73	-t--	accepted	refused	accepted
sri-nsc11	10.0.0.2	----			
sri-prmh	10.3.2.51	T---	accepted	accepted	accepted
sri-sta2	10.3.1.51	----			
sri-sta6	10.1.1.51	----			
sri-tsc	10.3.0.2	-tfs	accepted	accepted+	accepted
sri-unix	10.2.0.51	----	accepted	accepted	accepted
sri-warf	10.1.0.73	----		d e a d	
srijoyce	10.1.4.51	-tf-	accepted	accepted	refused
st-nic	10.0.0.51	-t--		d e a d	
su-ai	10.0.0.11	----			
su-dsn	10.1.0.56	----	refused	refused	accepted
su-score	10.3.0.11	-t--	accepted	accepted+	accepted
sumex-aim	10.0.0.56	----	accepted	accepted	accepted
tanum-expak	4.0.0.3	----			

tanum-monitor	4.0.0.43	----			
tycho	10.0.0.57	----			
ucb-arpa	10.0.0.78	-tf-	accepted	accepted+	accepted
ucb-c70	10.1.0.78	----		d e a d	
ucb-ingres	10.2.0.78	-tf-	accepted	accepted+	accepted
ucbarpa	46.0.0.4	-tf-	accepted	accepted+	accepted
ucbcad	46.0.0.5	-tf-			
ucbcalder	46.0.0.12	-tf-	accepted	accepted	accepted
ucbdali	46.0.0.13	-tf-			
ucbernie	46.0.0.6	-tf-			
ucbesvax	46.0.0.9	-tf-			
ucbingres	46.0.0.19	-tf-			
ucbkim	46.0.0.11	-tf-	accepted	accepted	accepted
ucbmatisse	46.0.0.14	-tf-			
ucbmedea	46.0.0.15	-tf-			
ucbmonet	46.0.0.7	-tf-	accepted	accepted	accepted
ucbvax	46.0.0.10	-tf-	accepted	accepted+	accepted
ucl-cs	11.3.1.42	-t--	accepted		refused
ucl-ucl2	11.3.2.42	----	accepted		refused
ucl-ucl3	11.3.3.42	----		d e a d	
ucl-ucl4	11.3.4.42	----		d e a d	
ucl-ucl5	11.3.5.42	----			
ucl-ucl6	11.3.6.42	----		d e a d	
ucl-ucl7	11.3.7.42	----		d e a d	
ucla-ats	10.3.0.1	T---	accepted	accepted	accepted
ucla-ccn	10.1.0.1	T---	accepted		
ucla-security	10.2.0.1	T---	accepted	accepted	accepted
udel-ee	10.2.0.96	-tf-	accepted	accepted	accepted
udel-relay	10.0.0.96	----	accepted	accepted	refused
udel-tcp	10.1.0.96	-tf-			
udel-tn	14.0.0.3	-tfs			
umd1	128.8.0.1	-tfs	accepted	accepted+	accepted
umd2	128.8.0.2	-t--	refused	refused	refused
umd3	128.8.0.3	-tfs	accepted	accepted+	accepted
umd4	128.8.0.4	-tfs		d e a d	
umd5	128.8.0.5	-tfs		d e a d	
umd6	128.8.0.6	-tfs		d e a d	
umd7	128.8.0.7	-tfs	refused	refused	refused
usafa-gateway	10.2.0.69	----		u n r e a c h a b l e	
usc-ecl	10.3.0.23	-t--	accepted	accepted+	accepted
usc-eclb	10.0.0.23	-t--	accepted	accepted+	accepted
usc-eclc	10.1.0.23	-t--	accepted	accepted+	accepted
usc-isi	10.1.0.22	-t-s	accepted	accepted+	accepted
usc-isib	10.3.0.52	-t-s	accepted	accepted+	refused
usc-isid	10.0.0.27	-t-s	accepted	accepted+	accepted
usc-isie	10.1.0.52	-t-s	accepted	accepted+	accepted
usc-isif	10.2.0.52	-t-s	accepted	accepted+	accepted
usgs1-amdahl	10.2.0.68	----		d e a d	
usgs1-multics	10.0.0.68	----	accepted	accepted	accepted
usgs2-multics	10.0.0.69	----	accepted	accepted	accepted
usgs3-multics	10.0.0.70	----	accepted	accepted	accepted
utah-20	10.3.0.4	T---	accepted	accepted+	accepted
utah-cs	10.0.0.4	-tfs	accepted	accepted+	accepted
utexas-11	10.0.0.62	----	accepted	accepted	accepted
utexas-20	10.1.0.62	----	accepted	accepted+	accepted

uw-vlsi	10.3.0.91	-tf-	accepted	accepted	accepted
uwisc-tn	14.0.0.2	-tfs	accepted	accepted+	accepted
washington	10.0.0.91	-tfs	accepted	accepted+	accepted
wharton-10	10.3.0.24	----			
wpafb	10.0.0.47	----	accepted	accepted	
wpafb-afwal	10.1.0.47	----			
yale	10.2.0.9	----		d e a d	
ypg	10.0.0.75	----		d e a d	

Results in host table order:

Name	Address	Claims	Telnet	FTP	SMTP
ll	10.0.0.10	----	accepted	accepted	accepted
su-ai	10.0.0.11	----			
compion-vms	10.0.0.12	---s	accepted	accepted	accepted
gunter-unix	10.0.0.13	----			
cmu-cs-b	10.0.0.14	----			
ames-tss	10.0.0.16	----		d e a d	
mitre	10.0.0.17	T---	accepted	accepted	accepted
radc-multics	10.0.0.18	----	accepted	accepted	accepted
nbs-vms	10.0.0.19	----	accepted	accepted	accepted
sri-nsc11	10.0.0.2	----			
cctc	10.0.0.20	-t--		d e a d	
lll-unix	10.0.0.21	----		d e a d	
isi-speech11	10.0.0.22	----		d e a d	
usc-eclb	10.0.0.23	-t--	accepted	accepted+	accepted
nadc-vax	10.0.0.24	-tfs	accepted	accepted	accepted
seismo	10.0.0.25	-tfs	accepted	accepted	accepted
usc-isid	10.0.0.27	-t-s	accepted	accepted+	accepted
arpa-dms	10.0.0.28	----			
brl	10.0.0.29	----	accepted	accepted	accepted
nosc-cc	10.0.0.3	-tfs	accepted	accepted	accepted
cca-unix	10.0.0.31	----		d e a d	
parc-maxc	10.0.0.32	-t--	accepted	accepted	accepted
nps	10.0.0.33	T---			
lbl	10.0.0.34	----			
nosc-secure2	10.0.0.35	----			
coins-tas	10.0.0.36	----			
purdue	10.0.0.37	-tfs	accepted	accepted	accepted
utah-cs	10.0.0.4	-tfs	accepted	accepted+	accepted
office-1	10.0.0.43	T---			
mit-xx	10.0.0.44	----	accepted	accepted+	refused
collins-pr	10.0.0.46	T---		d e a d	
wpafb	10.0.0.47	----	accepted	accepted	
afwl	10.0.0.48	----	accepted	accepted	
bbn-tenexb	10.0.0.49	-t--	accepted	accepted+	accepted
bbnf	10.0.0.5	-tf-	accepted	accepted	accepted
st-nic	10.0.0.51	-t--		d e a d	
ada-vax	10.0.0.52	----	accepted	accepted	accepted
afsc-ad	10.0.0.53	T---	accepted	accepted	
cit-20	10.0.0.54	T---	accepted	accepted	accepted
anl	10.0.0.55	----			

sumex-aim	10.0.0.56	----	accepted	accepted	accepted
tycho	10.0.0.57	----			
nyu	10.0.0.58	----	accepted	accepted	accepted
etac	10.0.0.59	----		d e a d	
mit-multics	10.0.0.6	-t-s	accepted	accepted	accepted
centacs-mmp	10.0.0.60	----		d e a d	
utexas-11	10.0.0.62	----	accepted	accepted	accepted
afsc-sd	10.0.0.65	----			
mitre-bedford	10.0.0.66	----			
afsc-hq	10.0.0.67	----			
usgs1-multics	10.0.0.68	----	accepted	accepted	accepted
usgs2-multics	10.0.0.69	----	accepted	accepted	accepted
usgs3-multics	10.0.0.70	----	accepted	accepted	accepted
bbn-nu	10.0.0.72	---s			
sri-nic	10.0.0.73	-t--	accepted	refused	accepted
ypg	10.0.0.75	----		d e a d	
ucb-arpa	10.0.0.78	-tf-	accepted	accepted+	accepted
dec-2136	10.0.0.79	T---		d e a d	
nrl	10.0.0.8	----		d e a d	
hi-multics	10.0.0.80	----	accepted	accepted	accepted
dtnsrdc	10.0.0.81	----	accepted	accepted	accepted
bbnt	10.0.0.82	----	accepted	accepted	accepted
nswc-dl	10.0.0.84	----	accepted	accepted	
nwc-387a	10.0.0.85	----	accepted	accepted	accepted
sandia	10.0.0.87	----	accepted	accepted+	accepted
nlm-mcs	10.0.0.88	----	accepted	accepted	accepted
harv-10	10.0.0.9	----			
washington	10.0.0.91	-tfs	accepted	accepted+	accepted
office-8	10.0.0.93	-t--			
s1-gateway	10.0.0.95	----			
udel-relay	10.0.0.96	----	accepted	accepted	refused
ucla-ccn	10.1.0.1	T---	accepted		
ll-tcp	10.1.0.10	T---	accepted	accepted	accepted
compion	10.1.0.12	----	accepted	refused	refused
gunter-adam	10.1.0.13	----	accepted	accepted+	accepted
cmu-cs-a	10.1.0.14	-t-s	accepted	accepted	accepted
radc-xper	10.1.0.18	----		d e a d	
nbs-sdc	10.1.0.19	----	accepted	accepted+	accepted
sri-kl	10.1.0.2	T---	accepted	accepted+	accepted
lll-mfe	10.1.0.21	----			
usc-isi	10.1.0.22	-t-s	accepted	accepted+	accepted
usc-eclc	10.1.0.23	-t--	accepted	accepted+	accepted
isi-png11	10.1.0.27	----			
nosc-spel	10.1.0.3	----		d e a d	
cca-vms	10.1.0.31	T---		d e a d	
fnoc	10.1.0.33	----		d e a d	
lbl-csam	10.1.0.34	---s	accepted	accepted+	accepted
nosc-sdl	10.1.0.35	----		d e a d	
cincpacflt-wm	10.1.0.36	----			
bragg-sta1	10.1.0.38	-t--		d e a d	
office-2	10.1.0.43	T---			
ll-asg	10.1.0.44	----		d e a d	
collins-gw	10.1.0.46	T---			
wpafb-afwal	10.1.0.47	----			

bbng	10.1.0.5	-tf-	accepted	accepted	accepted
usc-isie	10.1.0.52	-t-s	accepted	accepted+	accepted
ncsc	10.1.0.53	----		d e a d	
cit-vax	10.1.0.54	-tfs	accepted	accepted	accepted
anl-mcs	10.1.0.55	----	accepted	accepted	accepted
su-dsn	10.1.0.56	----	refused	refused	accepted
coins-gateway	10.1.0.57	----			
bnl	10.1.0.58	----		d e a d	
mit-dms	10.1.0.6	----			
utexas-20	10.1.0.62	----	accepted	accepted+	accepted
martin-b	10.1.0.64	-tfs	accepted	accepted	accepted
afgl	10.1.0.66	----	accepted	accepted	
rand-relay	10.1.0.7	----	accepted	accepted	accepted
bbn-unix	10.1.0.72	----	accepted	accepted	accepted
sri-warf	10.1.0.73	----		d e a d	
mit-devmultics	10.1.0.77	-t-s	accepted	accepted	accepted
ucb-c70	10.1.0.78	----		d e a d	
dec-marlboro	10.1.0.79	T---	accepted	accepted	accepted
nrl-aic	10.1.0.8	T---	accepted	accepted	accepted
nalcon	10.1.0.81	----	accepted	accepted	accepted
bbn-vax	10.1.0.82	-tfs	accepted	accepted	accepted
nswc-g	10.1.0.84	T---	accepted	accepted	accepted
office-10	10.1.0.93	-tf-			
csnet-sh	10.1.0.94	----	accepted	accepted+	accepted
s1-a	10.1.0.95	----			
udel-tcp	10.1.0.96	-tf-			
sri-sta6	10.1.1.51	----			
srijoyce	10.1.4.51	-tf-	accepted	accepted	refused
ucla-security	10.2.0.1	T---	accepted	accepted	accepted
ll-xn	10.2.0.10	----		d e a d	
nbs-unix	10.2.0.19	----		d e a d	
sri-csl	10.2.0.2	----			
nadc	10.2.0.24	----		d e a d	
isi-vaxa	10.2.0.27	-t--	accepted	accepted	accepted
logicon	10.2.0.3	----		d e a d	
office-3	10.2.0.43	T---	accepted	refused	refused
mit-tstgw	10.2.0.44	T---		d e a d	
sri-unix	10.2.0.51	----	accepted	accepted	accepted
usc-isif	10.2.0.52	-t-s	accepted	accepted+	accepted
afsc-dev	10.2.0.53	----	accepted	accepted	accepted
acc	10.2.0.54	----		d e a d	
rutgers	10.2.0.58	----	accepted	accepted+	accepted
mit-ai	10.2.0.6	----	accepted	accepted+	accepted
aerospace	10.2.0.65	T---	accepted	accepted	accepted
usgs1-amdahl	10.2.0.68	----		d e a d	
usafa-gateway	10.2.0.69	----	u n r e a c h a b l e		
bbn-clxx	10.2.0.71	-tfs	u n r e a c h a b l e		
bbnp	10.2.0.72	-tfs	accepted	accepted	accepted
sri-ai	10.2.0.73	----	accepted	accepted+	accepted
ucb-ingres	10.2.0.78	-tf-	accepted	accepted+	accepted
nswc-wo	10.2.0.8	----		d e a d	
bbn-inoc	10.2.0.82	----			
yale	10.2.0.9	----		d e a d	
nusc-npt	10.2.0.92	----			
office-12	10.2.0.93	T---	accepted	refused	refused

s1-b	10.2.0.95	----		d e a d	
udel-ee	10.2.0.96	-tf-	accepted	accepted	accepted
ucla-ats	10.3.0.1	T---	accepted	accepted	accepted
ll-11	10.3.0.10	----			
su-score	10.3.0.11	-t--	accepted	accepted+	accepted
cmu-cs-c	10.3.0.14	----	accepted	accepted+	accepted
ames-vmsb	10.3.0.16	----			
radc-tops20	10.3.0.18	----	accepted	accepted+	accepted
nbs-pl	10.3.0.19	----			
sri-tsc	10.3.0.2	-tfs	accepted	accepted+	accepted
edn-unix	10.3.0.20	-tfs	accepted		accepted
usc-ecl	10.3.0.23	-t--	accepted	accepted+	accepted
wharton-10	10.3.0.24	----			
arpa-png11	10.3.0.28	----			
brl-bmd	10.3.0.29	----	accepted	accepted	accepted
nprdc	10.3.0.3	-tfs	accepted	accepted	accepted
kestrel	10.3.0.32	----			
fnoc-secure	10.3.0.33	----			
nosc-secure3	10.3.0.35	----		d e a d	
utah-20	10.3.0.4	T---	accepted	accepted+	accepted
office-7	10.3.0.43	-t--			
mit-mc	10.3.0.44	----			
okc-unix	10.3.0.46	-t--	accepted		
bbn-tenexc	10.3.0.49	-t--	accepted	refused	accepted
bbna	10.3.0.5	-tf-	accepted	accepted	accepted
sri-sta2	10.3.1.51	----			
sri-prmh	10.3.2.51	T---	accepted	accepted	accepted
usc-isib	10.3.0.52	-t-s	accepted	accepted+	refused
martin	10.3.0.53	----			
jpl-vax	10.3.0.54	----		d e a d	
aids-unix	10.3.0.56	----		u n r e a c h a b l e	
mit-ml	10.3.0.6	----	accepted	accepted+	accepted
centacs-tf	10.3.0.60	----		d e a d	
robins-unix	10.3.0.64	----		d e a d	
rand-unix	10.3.0.7	----	accepted	accepted	accepted
sri-iu	10.3.0.73	----	accepted	accepted+	accepted
mcclellan	10.3.0.78	----	accepted		
nrl-tops10	10.3.0.8	----		d e a d	
nsrdcoa	10.3.0.81	-tfs	accepted	accepted	accepted
bbns	10.3.0.82	-tfs	accepted	accepted	accepted
nwc-387b	10.3.0.85	----			
uw-vlsi	10.3.0.91	-tf-	accepted	accepted	accepted
nusc	10.3.0.92	----		d e a d	
s1-c	10.3.0.95	----	accepted	accepted	accepted
cornell	10.3.0.96	-tfs	accepted	accepted	accepted
ll-iptcp	10.3.44.10	T---			
ll-en	10.4.0.10	-tfs	accepted	accepted	accepted
rochester	10.4.0.18	----		d e a d	
dca-ems	10.4.0.20	----	accepted	accepted	accepted
bbn-rsm	10.4.0.82	-t--	accepted		
radc-unix	10.5.0.18	----		d e a d	
bbn-noc2	10.6.0.82	-tfs	accepted	accepted	accepted
nrl-css	10.7.0.8	----	accepted	accepted	accepted
ucl-cs	11.3.1.42	-t--	accepted		refused
ucl-ucl2	11.3.2.42	----	accepted		refused

ucl-ucl3	11.3.3.42	----		d e a d	
ucl-ucl4	11.3.4.42	----		d e a d	
ucl-ucl5	11.3.5.42	----			
ucl-ucl6	11.3.6.42	----		d e a d	
ucl-ucl7	11.3.7.42	----		d e a d	
csnet-purdue	128.10.0.2	-tfs	accepted	accepted	accepted
cmu-cs-ius	128.2.254.128	-tfs	accepted	accepted	accepted
cmu-cs-vlsi	128.2.254.129	-tfs	accepted	accepted	accepted
cmu-cs-ps	128.2.254.130	----		d e a d	
cmu-cs-zog	128.2.254.131	-tfs	accepted	accepted	accepted
cmu-cs-g	128.2.254.132	-tfs	accepted	accepted	accepted
cmu-cs-cad	128.2.254.133	-tfs	accepted	accepted	accepted
cmu-cs-k	128.2.254.136	-tfs		d e a d	
cmu-ri-fas	128.2.254.138	-tfs	accepted	accepted	accepted
cmu-cs-spice	128.2.254.139	-tfs	accepted	accepted	accepted
cmu-cs-gandalf	128.2.254.140	-tfs	accepted	accepted	accepted
cmu-ri-leg	128.2.254.141	-tfs		d e a d	
cmu-ri-isl	128.2.254.143	-tfs	accepted	accepted	accepted
cmu-cs-j	128.2.254.144	-tfs		d e a d	
cmu-cs-speech	128.2.254.145	-tfs	accepted	accepted	accepted
cmu-cs-unh	128.2.254.150	-tfs	accepted	accepted	accepted
cmu-ri-isl2	128.2.254.152	-tfs	accepted	accepted	accepted
cmu-cs-pt	128.2.254.155	-tfs	accepted	accepted	accepted
cmu	128.2.254.255	---s		d e a d	
dcn1	128.4.0.1	-tfs	accepted	accepted+	accepted
dcn2	128.4.0.2	-tfs	accepted	accepted	
dcn3	128.4.0.3	-tfs	u n r e a c h a b l e		
dcn4	128.4.0.4	-tfs		d e a d	
dcn5	128.4.0.5	-tfs	accepted	accepted+	accepted
dcn6	128.4.0.6	-tfs	accepted	accepted+	accepted
dcn7	128.4.0.7	-tfs		d e a d	
dcn8	128.4.0.8	-tfs		d e a d	
dcn9	128.4.0.9	-tfs		d e a d	
ford1	128.5.0.1	-tfs	accepted	accepted+	accepted
ford2	128.5.0.2	-tfs	accepted	accepted+	accepted
ford3	128.5.0.3	-tfs	accepted	accepted+	accepted
ford4	128.5.0.4	-tfs	accepted	accepted+	accepted
ford-lab	128.5.0.8	-tfs	accepted	accepted+	accepted
ford-vax	128.5.0.9	-tfs		d e a d	
ford-res	128.5.0.10	-tfs		d e a d	
ford-ecc	128.5.0.11	-tfs	accepted	accepted	accepted
ford-srl	128.5.0.12	-tfs		d e a d	
ford-ers	128.5.0.13	-tfs	accepted	accepted+	accepted
ford-eed	128.5.0.14	-tfs	accepted	accepted+	accepted
ford-foe	128.5.0.15	-tfs		d e a d	
ford-wdl1	128.5.32.1	-tfs	accepted	accepted	accepted
ford-wdl2	128.5.32.2	-tfs		d e a d	
ford-wdl3	128.5.32.3	-tfs		d e a d	
ford-wdl4	128.5.32.4	-tfs		d e a d	
ford-wdl5	128.5.32.5	-tfs		d e a d	
ford-wdl6	128.5.32.6	-t--	accepted	accepted	accepted
dfvlr1	128.7.0.1	-tfs	u n r e a c h a b l e		
dfvlr2	128.7.0.2	-tfs	u n r e a c h a b l e		
dfvlr3	128.7.0.3	-tfs	u n r e a c h a b l e		
dfvlr7	128.7.0.7	-tfs	u n r e a c h a b l e		

umd1	128.8.0.1	-tfs	accepted	accepted+	accepted
umd2	128.8.0.2	-t--	refused	refused	refused
umd3	128.8.0.3	-tfs	accepted	accepted+	accepted
umd4	128.8.0.4	-tfs		d e a d	
umd5	128.8.0.5	-tfs		d e a d	
umd6	128.8.0.6	-tfs		d e a d	
umd7	128.8.0.7	-tfs	refused	refused	refused
purdue-tn	14.0.0.1	-tfs	accepted	accepted	accepted
uwisc-tn	14.0.0.2	-tfs	accepted	accepted+	accepted
udel-tn	14.0.0.3	-tfs			
mit-csr	18.10.0.8	---s	accepted		accepted
mit-ajax	18.10.0.64	-tf-	accepted	accepted	accepted
mit-cls	18.10.0.76	-tfs	accepted	accepted	accepted
csnet-sh	192.5.2.3	T---	accepted	accepted+	accepted
cit-750	192.5.7.3	-tfs		u n r e a c h a b l e	
edn-host1	21.1.0.1	-tfs		d e a d	
bbncca	3.0.0.2	-tfs	accepted	accepted	accepted
bbnccf	3.0.0.4	-tfs	accepted	accepted	accepted
bbnx	3.0.0.8	-tfs	accepted	accepted	accepted
csnet-cic	3.0.0.14	-tfs	accepted	accepted	accepted
bbn-noc	3.1.0.14	-tfs	accepted	accepted	accepted
bbnccb	3.1.0.2	-tfs	accepted	accepted	accepted
bbn-unix	3.1.0.4	-tfs	accepted	accepted	accepted
alta-coma	3.1.0.50	T---			
bbn-admin	3.1.0.6	-tfs	accepted	accepted	accepted
bbnt	3.1.0.7	-tfs	accepted	accepted	accepted
bbnccc	3.2.0.2	-tfs	accepted	accepted	accepted
bbn-inoc	3.2.0.6	-tfs	accepted	accepted	accepted
bbnq	3.2.0.7	-tfs	accepted	accepted	accepted
bbny	3.2.0.8	-tfs	accepted	accepted	accepted
bbnccd	3.3.0.2	-tfs	accepted	accepted	accepted
bbncci	3.3.0.4	-tfs	accepted	accepted	accepted
bbnw	3.3.0.6	-tfs	accepted	accepted	accepted
bbnt	3.3.0.7	-tfs	accepted	accepted	accepted
bbn-cd	3.3.0.9	-tfs	accepted	accepted	accepted
satnet	4.0.0.0	----			
etam-expak	4.0.0.1	----			
goonhilly-expak	4.0.0.2	----			
tanum-expak	4.0.0.3	----			
satnet-sink	4.0.0.37	----			
etam-monitor	4.0.0.41	----			
goonhilly-monitor	4.0.0.42	----			
tanum-monitor	4.0.0.43	----			
raisting	4.0.0.72	----			
raisting-monitor	4.0.0.78	----			
raisting-expak	4.0.0.79	----			
fucino	4.0.0.88	----			
fucino-monitor	4.0.0.94	----			
fucino-expak	4.0.0.95	----			
ucbarpa	46.0.0.4	-tf-	accepted	accepted+	accepted
ucbcad	46.0.0.5	-tf-			
ucbernie	46.0.0.6	-tf-			
ucbmonet	46.0.0.7	-tf-	accepted	accepted	accepted
ucbesvax	46.0.0.9	-tf-			
ucbvax	46.0.0.10	-tf-	accepted	accepted+	accepted

ucbkim	46.0.0.11	-tf-	accepted	accepted	accepted
ucbcalder	46.0.0.12	-tf-	accepted	accepted	accepted
ucbdali	46.0.0.13	-tf-			
ucbmatisse	46.0.0.14	-tf-			
ucbmedea	46.0.0.15	-tf-			
ucbingres	46.0.0.19	-tf-			
ndre1	48.3.1.41	-tfs	accepted	accepted+	accepted
clarksburg-expak	8.0.0.4	----	u n r e a c h a b l e		
clarksburg-monitor	8.0.0.44	----	u n r e a c h a b l e		